Connecting via Winsock to STN

Welcome to STN International!   Enter x:x

LOGINID:sssptau153cxa

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * *   Welcome to STN International   * * * * * * * * * *

NEWS 1   Web Page URLs for STN Seminar Schedule - N. America
NEWS 2   "Ask CAS" for self-help around the clock
NEWS 3   JAN 27   Source of Registration (SR) information in REGISTRY updated
                   and searchable
NEWS 4   JAN 27   A new search aid, the Company Name Thesaurus, available in
                   CA/CAplus
NEWS 5   FEB 05   German (DE) application and patent publication number format
                   changes
NEWS 6   MAR 03   MEDLINE and LMEDLINE reloaded
NEWS 7   MAR 03   MEDLINE file segment of TOXCENTER reloaded
NEWS 8   MAR 03   FRANCEPAT now available on STN
NEWS 9   MAR 29   Pharmaceutical Substances (PS) now available on STN
NEWS 10   MAR 29   WPIFV now available on STN
NEWS 11   MAR 29   New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12   APR 26   PROMT: New display field available
NEWS 13   APR 26   IFIPAT/IFIUDB/IFICDB: New super search and display field
                   available
NEWS 14   APR 26   LITALERT now available on STN
NEWS 15   APR 27   NLDB: New search and display fields available
NEWS 16   May 10   PROUSDDR now available on STN
NEWS 17   May 19   PROUSDDR: One FREE connect hour, per account, in both May
                   and June 2004
NEWS 18   May 12   EXTEND option available in structure searching
NEWS 19   May 12   Polymer links for the POLYLINK command completed in REGISTRY
NEWS 20   May 17   FRFULL now available on STN

NEWS EXPRESS   MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS   STN Operating Hours Plus Help Desk Availability
NEWS INTER   General Internet Information
NEWS LOGIN   Welcome Banner and News Items
NEWS PHONE   Direct Dial and Telecommunication Network Access to STN
NEWS WWW   CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

   All use of STN is subject to the provisions of the STN Customer
   agreement. Please note that this agreement limits use to scientific
   research. Use for software development or design or implementation
   of commercial gateways or other similar uses is prohibited and may
   result in loss of user privileges and other penalties.

   * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:35:20 ON 18 MAY 2004

```
=> ile caplus uspatful japio europatful medline biosis embase
ILE IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> file caplus uspatful japio europatful medline biosis embase
COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
                                                    ENTRY        SESSION
FULL ESTIMATED COST                                  0.21          0.21


FILE 'CAPLUS' ENTERED AT 15:35:47 ON 18 MAY 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 15:35:47 ON 18 MAY 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'JAPIO' ENTERED AT 15:35:47 ON 18 MAY 2004
COPYRIGHT (C) 2004 Japanese Patent Office (JPO)- JAPIO

FILE 'EUROPATFULL' ENTERED AT 15:35:47 ON 18 MAY 2004
COPYRIGHT (c) 2004 WILA Verlag Muenchen (WILA)

FILE 'MEDLINE' ENTERED AT 15:35:47 ON 18 MAY 2004

FILE 'BIOSIS' ENTERED AT 15:35:47 ON 18 MAY 2004
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'EMBASE' ENTERED AT 15:35:47 ON 18 MAY 2004
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

=> s (drug delivery) and (target? or antibod? or complex?)
    1 FILES SEARCHED...
L1        61086 (DRUG DELIVERY) AND (TARGET? OR ANTIBOD? OR COMPLEX?)

=> s l1 and (protein or (cell surface protein) or receptor or (cell surface
antigen) or trkA or trkB or trkC or p75 or (IL 1R) or IL 2R) or (IL 3R) or (GM
CSFR) or EGFR or CD33 or CD4)
UNMATCHED RIGHT PARENTHESIS 'CD4)'
The number of right parentheses in a query must be equal to the
number of left parentheses.

=> s l1 and (protein or (cell surface protein) or receptor or (cell surface
antigen) or trkA or trkB or trkC or p75 or (IL 1R) or (IL 2R) or (IL 3R) or (GM
CSFR) or EGFR or CD33 or CD4)
    4 FILES SEARCHED...
L2        32431 L1 AND (PROTEIN OR (CELL SURFACE PROTEIN) OR RECEPTOR OR (CELL
               SURFACE ANTIGEN) OR TRKA OR TRKB OR TRKC OR P75 OR (IL 1R) OR
               (IL 2R) OR (IL 3R) OR (GM CSFR) OR EGFR OR CD33 OR CD4)

=> s l2 and (cavity forming or (NaK ATpase) or (BDNF/Nt-3 heterodimer) or (NGF
dimer) or (IL 1) or (FGFB)or (IL 1b) or (IL 2) or (IL3) or interleukin# or (GN csf)
or EGF or FGF or barnase or (T4 lysozyme) or (TGF beta) or IgG)
MISSING OPERATOR

=> s l2 and ((cavity form?) or (NaK ATpase) or (BDNF/Nt-3 heterodimer) or (NGF
dimer) or (IL 1) or (FGFB) or (IL 1b) or (IL 2) or (IL3) or interleukin# or (GN
csf) or EGF or FGF or barnase or (T4 lysozyme) or (TGF beta) or IgG)
MISSING OPERATOR

=> s l2 and ((cavity form?) or (NaK ATpase) or (BDNF/Nt-3 heterodimer) or (NGF
dimer) or (IL 1) or (FGFB) or (IL 1b) or (IL 2) or (IL3) or interleukin# or (GM
csf) or EGF or FGF or barnase or (T4 lysozyme) or (TGF beta) or IgG)
```

MISSING OPERATOR

=> help
The arrow (=>) is the system prompt, where you enter a command. For
an explanation of system commands, files, formats, etc., enter "HELP"
and the name of the item you want explained at an arrow prompt (=>).
Enter "HELP COMMANDS" for a list of commands that can be used in this
file. Enter "HELP MESSAGES" for a list of online explanations that
are available. The "?" can be used as a synonym for "HELP".

Help is also available at any prompt, and after any error message.
Enter "HELP" or "?" at a prompt to see an explanation of the options.
After an error message, enter "HELP" or "?" at the next prompt and you
will receive a more detailed explanation of the error and how to
correct it.

Automatic help is also available. When AUHELP is 'ON', you will
automatically receive help following an error message. For more
information on AUHELP, enter "HELP SET AUHELP" at an arrow
prompt (=>).

Users who need additional assistance can contact the Help Desk at
their nearest STN Service Center. Enter "HELP STN" for information on
STN Service Centers. You may also choose to contact the database
representative for the file you are searching, for more detailed help
on database content and search strategy. For information on how to
contact database representatives for the current file, enter "HELP
DESK" at an arrow prompt (=>).

=> help messages
Many HELP messages are available to explain files and features of the
system. Each command has a separate explanation that can be viewed
by entering HELP (or ?) followed by the command name at an arrow
prompt (=>). Enter HELP COMMANDS for a list of commands.

Example: => HELP PRINT

Some commands have detailed help for specific functions for that
command. At an arrow prompt, enter HELP followed by the command name
and the specific option:

HELP DISPLAY (ACC, BROWSE, COST, EXPAND, FORMAT, HISTORY, L#, PRINT,
             QUERY, SAVED, SCAN, SELECT, SET, TOLERANCE, TSORT,
             UNIT)
HELP PRINT (ACC, L#, TSORT)
HELP READ (FOLDER, MAIL, NAMELIST, PUBLIC)
HELP SEARCH (PROJECTIONS, RANGE, STEPS, SUBSET)
HELP SET (ABBREVIATION, ACCOUNT, AUHELP, AUTOSEARCH, BANNER, CLUSTER,
          COST, DCLUSTER, DETAIL, DFORMAT, DUPORDER, EXPAND, FAX,
          FAXC, FAXN, FIELD, FORMAT, GRAPHICS, HEADING, HIGHLIGHTING,
          INTERPRET, KWIC, LCOST, LINELENGTH, LOGIN, MAILID, NAMELIST,
          NOTICE, PADDING, PAGELENGTH, PASSWORD, PATENT, PERMANENT,
          PLURALS, POSTINGS, PRINT, PROXIMITY, RANGE, RELATION, ROLES,
          ROUND, SELORDER, SFIELDS, SMARTSELECT, STATUS, STEPS,
          SUBSET, TERM, TLANGUAGE, TOLERANCE, UNIT)

The logical search operators have HELP messages to explain their
functions. At an arrow prompt, enter HELP followed by the operator:

HELP AND
HELP OR
HELP NOT

HELP (W)

```
HELP (A)
HELP (L)
HELP (P)
HELP (S)
HELP (NOTPROXIMITY)

HELP NUMERIC

For more information on the available operators, enter HELP OPERATORS
at an arrow prompt.

Each file has its own set of HELP messages.  For a list of files,
enter HELP FILE NAMES.  For information about helps available for
the current file, enter HELP DIRECTORY.

Messages that are available on other topics:

HELP COMMAND STACKING
HELP FILE COST
HELP LIMITS
HELP MAIL
HELP PACKAGES
HELP RESERVED
HELP SAVED NAMES
HELP TRUNCATION


=> s l2 and ((cavity form?) or (NaK ATpase) or (BDNF/Nt3 heterodimer) or (NGF
dimer) or (IL 1) or (FGFB) or (IL 1b) or (IL 2) or (IL 3) or interleukin# or (GM
csf) or EGF or FGF or barnase or (T4 lysozyme) or (TGF beta) or IgG)
MISSING OPERATOR

=> d his


        (FILE 'HOME' ENTERED AT 15:35:20 ON 18 MAY 2004)


        FILE 'CAPLUS, USPATFULL, JAPIO, EUROPATFULL, MEDLINE, BIOSIS, EMBASE'
        ENTERED AT 15:35:47 ON 18 MAY 2004
L1         61086 S (DRUG DELIVERY) AND (TARGET? OR ANTIBOD? OR COMPLEX?)
L2         32431 S L1 AND (PROTEIN OR (CELL SURFACE PROTEIN) OR RECEPTOR OR (CEL

=> s l2 and ((cavity form?) or (NaK ATpase) or (BDNF Nt3 heterodimer) or (NGF
dimer) or (IL 1) or (FGFB) or (IL 1b) or (IL 2) or (IL 3) or interleukin# or (GM
csf) or EGF or FGF or barnase or (T4 lysozyme) or (TGF beta) or IgG)
    3 FILES SEARCHED...
    4 FILES SEARCHED...
L3         13206 L2 AND ((CAVITY FORM?) OR (NAK ATPASE) OR (BDNF NT3 HETERODIMER
                 ) OR (NGF DIMER) OR (IL 1) OR (FGFB) OR (IL 1B) OR (IL 2) OR
                 (IL 3) OR INTERLEUKIN# OR (GM CSF) OR EGF OR FGF OR BARNASE OR
                 (T4 LYSOZYME) OR (TGF BETA) OR IGG)

=> s l3 and (non covalent?)
L4          3993 L3 AND (NON COVALENT?)

=> s l4 and (carrier# or excipient#)
L5          3864 L4 AND (CARRIER# OR EXCIPIENT#)

=> s l5 and (ions or radioisotopes or (cytoxic?) or antiviral? or antibiotic# or
prodrug#)
L6          3665 L5 AND (IONS OR RADIOISOTOPES OR (CYTOXIC?) OR ANTIVIRAL? OR
                 ANTIBIOTIC# OR PRODRUG#)

=> s l6 and (target or molecule or cell or tissue or organ or virus or bacteria or
yeast or fungus)
    6 FILES SEARCHED...
```

```
L7          3665 L6 AND (TARGET OR MOLECULE OR CELL OR TISSUE OR ORGAN OR VIRUS
                 OR BACTERIA OR YEAST OR FUNGUS)

=> S L7 AND (antibod? or (non peptid?) or lectin or polysaccharide or heparin)
L8          3656 L7 AND (ANTIBOD? OR (NON PEPTID?) OR LECTIN OR POLYSACCHARIDE
                 OR HEPARIN)

=> s 18 and ((fusion protein) or (target binding protein)
UNMATCHED LEFT PARENTHESIS 'AND ((FUSION'
The number of right parentheses in a query must be equal to the
number of left parentheses.

=> s 18 and ((fusion protein) or (target binding protein))
L9          3069 L8 AND ((FUSION PROTEIN) OR (TARGET BINDING PROTEIN))

=> s 19 and (pharmaceutic? or drug or bioactive or active or bioeffect? or
therapeutic?)
L10         3069 L9 AND (PHARMACEUTIC? OR DRUG OR BIOACTIVE OR ACTIVE OR BIOEFFE
                 CT? OR THERAPEUTIC?)

=> d his

        (FILE 'HOME' ENTERED AT 15:35:20 ON 18 MAY 2004)

        FILE 'CAPLUS, USPATFULL, JAPIO, EUROPATFULL, MEDLINE, BIOSIS, EMBASE'
        ENTERED AT 15:35:47 ON 18 MAY 2004
L1         61086 S (DRUG DELIVERY) AND (TARGET? OR ANTIBOD? OR COMPLEX?)
L2         32431 S L1 AND (PROTEIN OR (CELL SURFACE PROTEIN) OR RECEPTOR OR (CEL
L3         13206 S L2 AND ((CAVITY FORM?) OR (NAK ATPASE) OR (BDNF NT3 HETERODI
L4          3993 S L3 AND (NON COVALENT?)
L5          3864 S L4 AND (CARRIER# OR EXCIPIENT#)
L6          3665 S L5 AND (IONS OR RADIOISOTOPES OR (CYTOXIC?) OR ANTIVIRAL? OR
L7          3665 S L6 AND (TARGET OR MOLECULE OR CELL OR TISSUE OR ORGAN OR VIR
L8          3656 S L7 AND (ANTIBOD? OR (NON PEPTID?) OR LECTIN OR POLYSACCHARID
L9          3069 S L8 AND ((FUSION PROTEIN) OR (TARGET BINDING PROTEIN))
L10         3069 S L9 AND (PHARMACEUTIC? OR DRUG OR BIOACTIVE OR ACTIVE OR BIOE

=> s 14 and interior and (nonpolar cavity)
L11            2 L4 AND INTERIOR AND (NONPOLAR CAVITY)

=> s 110 and interior and (nonpolar cavity)
L12            2 L10 AND INTERIOR AND (NONPOLAR CAVITY)

=> d 112 1-2 ibib abs

L12  ANSWER 1 OF 2   USPATFULL on STN
ACCESSION NUMBER:        2002:143956  USPATFULL
TITLE:                   Protein occlusion for delivery of small
                         molecules
INVENTOR(S):             Panayotatos, Nikos, 95 Monmouth Ct., Orangeburg, NY,
                         United States  10962-2711

                         NUMBER          KIND    DATE
                         ----------------  ------  --------
PATENT INFORMATION:      US 6406710        B1    20020618
                         WO 9726275              19970724
APPLICATION INFO.:       US 1998-101860          19980716   (9)
                         WO 1997-US675           19970116
                                                 19980716   PCT 371 date
DOCUMENT TYPE:           Utility
FILE SEGMENT:            GRANTED
PRIMARY EXAMINER:        Azpuru, Carlos
LEGAL REPRESENTATIVE:    Fish & Neave, Haley, Jr., James F., Rochester, S. Craig
NUMBER OF CLAIMS:        20
```

EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 911
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB   The present invention relates to **complexes** between (1) a
        target-binding moiety; (2) a **cavity-forming**
        moiety; and (3) a pharmacological compound to be delivered to a
        target, wherein the pharmacological compound is buried inside of
        the **cavity-forming** moiety, but not covalently bound
        to either the **target**-binding moiety or the **cavity-**
        forming moiety. The **complexes** of thus invention may be
        used as to deliver a pharmacological compound to cells, tissues, organs,
        viruses, microorganisms or other surfaces that are characterized by an
        entity that binds the **target**-binding moiety portion of the
        complex. The present invention also relates to
        pharmaceutical compositions comprising the **non-**
        covalent complexes of this invention. The invention
        also relates to methods of delivering a pharmacological compound to a
        target in a patient. The present invention also relates to the
        use of the **complexes** of this invention for the separation of
        chemical entities from their chiral forms or contaminants.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 2 OF 2 USPATFULL on STN
ACCESSION NUMBER: 2002:8064 USPATFULL
TITLE: Use of **protein** occlusion for the selective
                          delivery of small molecules to **targets**
INVENTOR(S):   Panayotatos, Nikos, Orangeburg, NY, UNITED STATES

                          NUMBER   KIND   DATE
                          ---------------- ------ --------
PATENT INFORMATION: US 2002004061   A1   20020110
APPLICATION INFO.:   US 2001-942463   A1   20010829 (9)
RELATED APPLN. INFO.:   Division of Ser. No. US 1998-101860, filed on 16 Jul
                          1998, PENDING A 371 of International Ser. No. WO
                          1997-US675, filed on 16 Jan 1997, UNKNOWN

                          NUMBER   DATE
                          ---------------- --------
PRIORITY INFORMATION: US 1996-9804P   19960116 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: FISH & NEAVE, 1251 AVENUE OF THE AMERICAS, 50TH FLOOR,
                          NEW YORK, NY, 10020-1105
NUMBER OF CLAIMS: 28
EXEMPLARY CLAIM: 1
LINE COUNT: 889
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB   The present invention relates to **complexes** between (1) a
        target-binding moiety; (2) a **cavity-forming**
        moiety; and (3) a pharmacological compound to be delivered to a
        target, wherein the pharmacological compound is buried inside of
        the **cavity-forming** moiety, but not covalently bound
        to either the **target**-binding moiety or the **cavity-**
        forming moiety. The **complexes** of this invention may be
        used as to deliver a pharmacological compound to cells, tissues, organs,
        viruses, microorganisms or other surfaces that are characterized by an
        entity that binds the **target**-binding moiety portion of the
        complex. The present invention also relates to
        pharmaceutical compositions comprising the **non-**
        covalent complexes of this invention. The invention
        also relates to methods of delivering a pharmacological compound to a
        target in a patient. The present invention also relates to the

use of the **complexes** of this invention for the separation of
chemical entities from their chiral forms or contaminants.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

    (FILE 'HOME' ENTERED AT 15:35:20 ON 18 MAY 2004)

    FILE 'CAPLUS, USPATFULL, JAPIO, EUROPATFULL, MEDLINE, BIOSIS, EMBASE'
    ENTERED AT 15:35:47 ON 18 MAY 2004

L1	61086	S	(DRUG DELIVERY) AND (TARGET? OR ANTIBOD? OR COMPLEX?)
L2	32431	S	L1 AND (PROTEIN OR (CELL SURFACE PROTEIN) OR RECEPTOR OR (CEL
L3	13206	S	L2 AND ((CAVITY FORM?) OR (NAK ATPASE) OR (BDNF NT3 HETERODI
L4	3993	S	L3 AND (NON COVALENT?)
L5	3864	S	L4 AND (CARRIER# OR EXCIPIENT#)
L6	3665	S	L5 AND (IONS OR RADIOISOTOPES OR (CYTOXIC?) OR ANTIVIRAL? OR
L7	3665	S	L6 AND (TARGET OR MOLECULE OR CELL OR TISSUE OR ORGAN OR VIR
L8	3656	S	L7 AND (ANTIBOD? OR (NON PEPTID?) OR LECTIN OR POLYSACCHARID
L9	3069	S	L8 AND ((FUSION PROTEIN) OR (TARGET BINDING PROTEIN))
L10	3069	S	L9 AND (PHARMACEUTIC? OR DRUG OR BIOACTIVE OR ACTIVE OR BIOE
L11	2	S	L4 AND INTERIOR AND (NONPOLAR CAVITY)
L12	2	S	L10 AND INTERIOR AND (NONPOLAR CAVITY)

=> d l10 and (disassociation constant)
'AND' IS NOT A VALID FORMAT
'(DISASSOCIATION' IS NOT A VALID FORMAT
'CONSTANT)' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid
in at least one of the files. Refer to file specific help messages
or the STNGUIDE file for information on formats available in
individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):.

L10   ANSWER 1 OF 3069 USPATFULL on STN
AN   2004:120562 USPATFULL
TI   Secreted and transmembrane polypeptides and nucleic acids encoding the
        same
IN   Baker, Kevin P., Darnestown, MD, UNITED STATES
        Botstein, David, Belmont, CA, UNITED STATES
        Eaton, Dan L., San Rafael, CA, UNITED STATES
        Ferrara, Napoleone, San Francisco, CA, UNITED STATES
        Filvaroff, Ellen, San Francisco, CA, UNITED STATES
        Gerritsen, Mary E., San Mateo, CA, UNITED STATES
        Goddard, Audrey, San Francisco, CA, UNITED STATES
        Godowski, Paul J., Burlingame, CA, UNITED STATES
        Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
        Gurney, Austin L., Belmont, CA, UNITED STATES
        Hillan, Kenneth J., San Francisco, CA, UNITED STATES
        Kljavin, Ivar J., Pacifica, CA, UNITED STATES
        Napier, Mary A., Hillsborough, CA, UNITED STATES
        Roy, Margaret Ann, San Francisco, CA, UNITED STATES
        Tumas, Daniel, Orinda, CA, UNITED STATES
        Wood, William I., Hillsborough, CA, UNITED STATES
PA   Genentech, Inc. (U.S. corporation)
PI   US 2004091972   A1   20040513
AI   US 2001-943664   A1   20010830 (9)
RLI   Continuation of Ser. No. US 2001-866028, filed on 25 May 2001, PENDING
        Continuation of Ser. No. US 1998-216021, filed on 16 Dec 1998, ABANDONED
        Continuation of Ser. No. US 1998-218517, filed on 22 Dec 1998, ABANDONED
        Continuation of Ser. No. US 1999-254311, filed on 3 Mar 1999, ABANDONED
        A 371 of International Ser. No. WO 1998-US25108, filed on 1 Dec 1998,
        PENDING

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PRAI     WO 1998-US19330      19980916
         WO 1998-US25108      19981201
         WO 1999-US12252      19990602
         WO 1999-US21090      19990915
         WO 1999-US28409      19991130
         WO 1999-US28313      19991130
         WO 1999-US28301      19991201
         WO 1999-US30095      19991216
         WO 2000-US3565       20000211
         WO 2000-US4414       20000222
         WO 2000-US5841       20000302
         WO 2000-US8439       20000330
         WO 2000-US14042      20000522
         WO 2000-US20710      20000728
         WO 2000-US32678      20001201
         WO 2001-US6520       20010228
         US 1997-67411P       19971203  (60)
         US 1997-69334P       19971211  (60)
         US 1997-69335P       19971211  (60)
         US 1997-69278P       19971211  (60)
         US 1997-69425P       19971212  (60)
         US 1997-69696P       19971216  (60)
         US 1997-69694P       19971216  (60)
         US 1997-69702P       19971216  (60)
         US 1997-69870P       19971217  (60)
         US 1997-69873P       19971217  (60)
         US 1997-68017P       19971218  (60)
         US 1998-70440P       19980105  (60)
         US 1998-74086P       19980209  (60)
         US 1998-74092P       19980209  (60)
         US 1998-75945P       19980225  (60)
         US 1998-112850P      19981216  (60)
         US 1997-67411P       19971203  (60)
         US 1997-69278P       19971211  (60)
         US 1997-69334P       19971211  (60)
         US 1997-69335P       19971211  (60)
         US 1997-69425P       19971212  (60)
         US 1997-69694P       19971216  (60)
         US 1997-69696P       19971216  (60)
         US 1997-69702P       19971216  (60)
         US 1997-69870P       19971217  (60)
         US 1997-69873P       19971217  (60)
         US 1997-68017P       19971218  (60)
         US 1998-70440P       19980105  (60)
         US 1998-74086P       19980209  (60)
         US 1998-74092P       19980209  (60)
         US 1998-75945P       19980225  (60)
         US 1998-88742P       19980610  (60)
         US 1998-86414P       19980522  (60)
         US 1998-70440P       19980105  (60)
         US 1998-109304P      19981120  (60)
         US 1998-83500P       19980429  (60)
         US 1998-107783P      19981110  (60)
         US 1998-113296P      19981222  (60)
         US 1999-146222P      19990728  (60)
DT       Utility
FS       APPLICATION
LN.CNT   9335
INCL     INCLM:  435/069.700
         INCLS:  514/012.000; 530/350.000
NCL      NCLM:   435/069.700
         NCLS:   514/012.000; 530/350.000
IC       [7]
         ICM: A61K038-17
```

ICS: C07K014-705; C12P021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s l10 and (disassociation constant)
L13   1 L10 AND (DISASSOCIATION CONSTANT)

=> d l13 1 ibib abs

L13   ANSWER 1 OF 1   USPATFULL on STN
ACCESSION NUMBER: 2003:311844   USPATFULL
TITLE: Recombinant anti-**interleukin**-9
                           antibodies
INVENTOR(S):   Reed, Jennifer Lynne, Clarksburg, MD, UNITED STATES
                           Dall'Acqua, William, Gaithersburg, MD, UNITED STATES
                           Van Snick, Jacques, Wezembeek-Oppem, BELGIUM
                           Renauld, Jean-Christophe, Kraainem, BELGIUM
                           Cormont, Francoise, Rixensart, BELGIUM

                           NUMBER   KIND   DATE
                           ---------------- ------ --------
PATENT INFORMATION: US 2003219439   A1   20031127
APPLICATION INFO.:   US 2003-412703   A1   20030411   (10)

                           NUMBER   DATE
                           ---------------- --------
PRIORITY INFORMATION: US 2002-371728P 20020412 (60)
                           US 2002-371683P 20020412 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: MEDIMMUNE, INC., 35 WEST WATKINS MILL ROAD,
                           GAITHERSBURG, MD, 20878
NUMBER OF CLAIMS: 10
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 20 Drawing Page(s)
LINE COUNT: 5807
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB   The application describes neutralizing chimeric and humanized anti-human
       IL-9 **antibodies**, and the use thereof to identify neutralizing
       epitopes on human IL-9 and as medicaments to prevent and treat asthma,
       bronchial hyperresponsiveness, atopic allergy, and other related
       disorders. Particularly disclosed are recombinant **antibodies**
       derived from three murine anti-human IL-9 **antibodies**
       identified infra as MH9A3, MH9D1, and MH9L1.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.